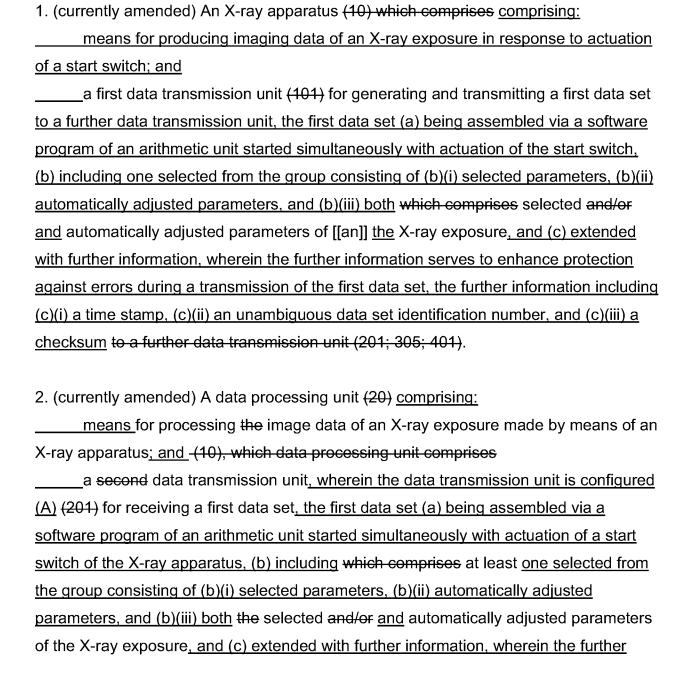
Customer No. 24737

Appl. No. 10/534,471 Response to Office Action of December 18, 2009

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:



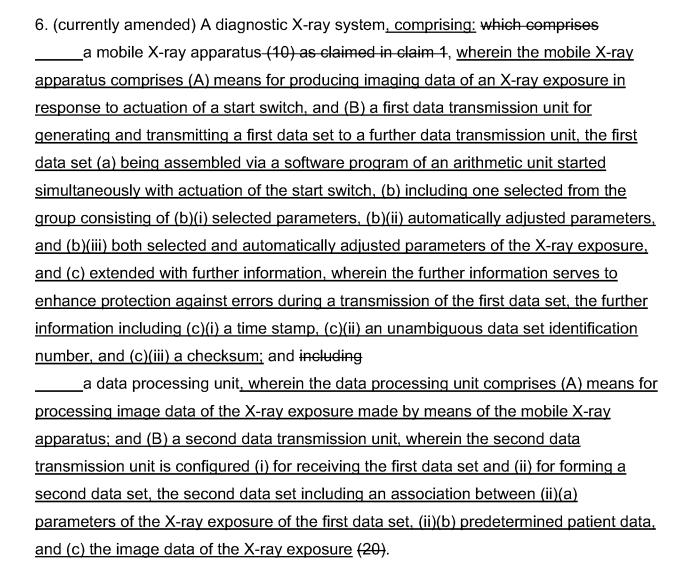
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information serves to enhance protection against errors during a transmission of the first data set, the further information including (c)(i) a time stamp, (c)(ii) an unambiguous data set identification number, and (c)(iii) a checksum, and (B) as well as for forming a fourth second data set, the second data set including which comprises an association between (a) the parameters of the X-ray exposure of the first data set, (b) predetermined patient data, and (c) as well as the image data of the X-ray exposure.

- 3. (currently amended) A mobile patient data terminal (30) which comprises comprising: a third data transmission unit, wherein the data transmission unit is configured (A) (305) for receiving a first data set, the first data set (a) being assembled via a software program of an arithmetic unit started simultaneously with actuation of a start switch of an X-ray apparatus, (b) including one selected from the group consisting of (b)(i) selected parameters, (b)(ii) automatically adjusted parameters, and (b)(iii) both which comprises the selected and/or and automatically adjusted parameters of the Xray exposure, and (c) extended with further information, wherein the further information serves to enhance protection against errors during a transmission of the first data set, the further information including (c)(i) a time stamp, (c)(ii) an unambiguous data set identification number, and (c)(iii) a checksum, and (B) as well as for forming a second data set, wherein the second data set includes whereby predetermined patient data [[is]] associated with the parameters of the X-ray exposure.
- 4. (currently amended) [[A]] The mobile patient data terminal (30) as claimed in claim 3, further comprising: a bar code scanner (306) for detecting an image cassette identification number.

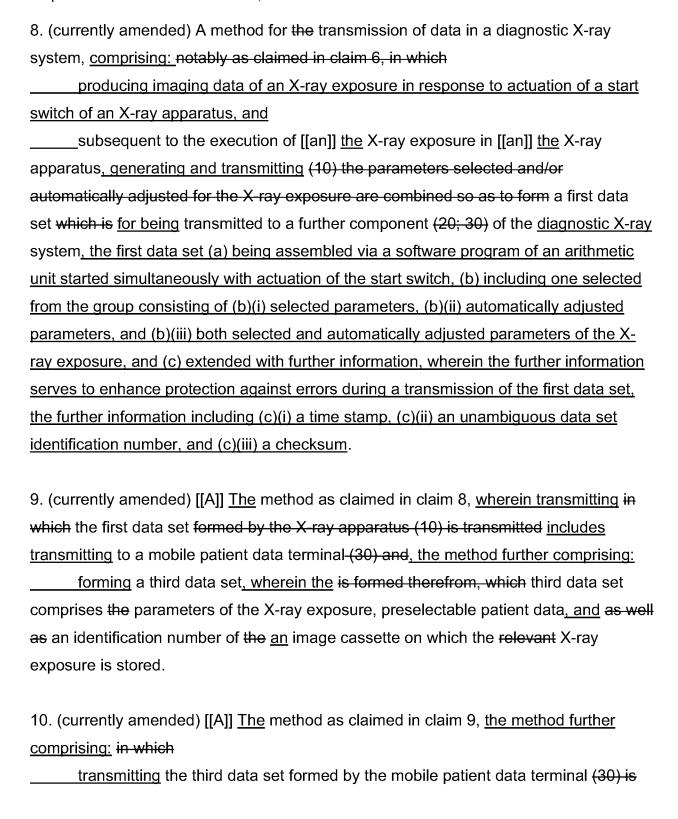
and wherein the data transmission unit is further configured (C) as well as for forming a third data set by adding the image cassette identification number to the second data set. Appl. No. 10/534,471 Response to Office Action of December 18, 2009 Docket No.: DE020262US Customer No. 24737

5. (currently amended) [[A]] <u>The</u> mobile patient data terminal (30) as claimed in claim 4, in which the third further wherein the data transmission unit (305) is arranged to transmit the third data set formed to a data processing unit-(20).



7. (currently amended) [[A]] <u>The</u> system as claimed in claim 6, further comprising a mobile patient data terminal (30).

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transmitted to a data processing unit-(20); and

forming a fourth data set, wherein the is formed therefrom, which fourth data set comprises the parameters of the X-ray exposure, preselectable patient data, and as well as the image data of the X-ray exposure.

- 11. (new) The X-ray apparatus as claimed in claim 1, further wherein the first data set is configured to be combined with data included in an associated patient data set without gaps and in a consistent manner.
- 12. (new) The data processing unit as claimed in 2, further wherein the first data set is configured to be combined with data included in an associated patient data set without gaps and in a consistent manner.
- 13. (new) The mobile patient data terminal as claimed in claim 3, further wherein the first data set is configured to be combined with data included in an associated patient data set without gaps and in a consistent manner.
- 14. (new) The diagnostic X-ray system as claimed in claim 6, further wherein the first data set is configured to be combined with data included in an associated patient data set without gaps and in a consistent manner.
- 15. (new) The method as claimed in claim 8, further wherein generating and transmitting the first data set further includes configuring the first data set for being combined with data included in an associated patient data set without gaps and in a consistent manner.